

CLAIM AMENDMENTS

Claims 1-20 (canceled)

21. (new) A computer system comprising a central processing unit, a visual display device, a data storage device, and a common semantic network architecture for organizing information in three-dimensional conceptual space, wherein the network architecture includes a visual format means for organizing information on the display device, a logic protocol means for classifying and marshalling data packets representing the information, and a memory structure means for locating data packets stored in the storage device; the computer system having a structured database with information stored in the database in fixed size data tiles of 32 bits by 32 bits with a one bit frame, forming a bit packet 34 bits by 34 bits in size.
22. (new) The computer system of claim 21 wherein the bit frame comprises code tags related to the data in the data tile.
23. (new) The computer system of claim 21 wherein 34 framed data tiles are stacked forming a 34 bit by 34 bit by 34 bit block identified as a picoblock.
24. (new) The computer system of claim 21 wherein the central processing unit operates on a 32 bit word platform and the data tiles, bit frames and bit squares are processed in a sequence of 32 bit words.
25. (new) The computer system of claim 23 wherein the central processing unit operates on a 32 bit word platform and the picoblock is processed in a sequence of 32 bit words.
26. (new) The computer system of claim 23 wherein the picoblocks comprise the data packets

and the code tags on the picoblocks comprise means for classifying, marshalling, and locating data in the picoblocks.

- 27. (new) The computer system of claim 26 wherein the data storage device comprises a memory divided into cells, each cell being sized to accommodate a picoblock, wherein the memory has a semantic architecture visually displayable as a matrix of cells in a three-dimensional lattice, and the processor has means for activating visual display of the lattice in the display screen.
- 28. (new) The computer system of claim 27 wherein information is organized in memory organization packets and a memory organization packet is constructed from one or more picoblocks.
- 29. (new) The computer system of claim 28 wherein a memory organization packet comprises a binary large object and the data storage device includes means for storing binary large objects, wherein a memory organization packet is represented by one or more picoblocks having identifying pointers for accessing the represented binary large objects.
- 30. (new) The computer system of claim 29 wherein a plurality of picoblocks are grouped in a cube of picoblocks, the cube of picoblocks dimensionally defining a cell, wherein the semantic network architecture for organizing information in three dimensional conceptual space comprises a lattice of cells.